

CLAIM AMENDMENTS

Claim Amendment Summary

Claims pending

- Before this Amendment: Claims 1-24, and 53-63.
- After this Amendment: Claims 1, 3-12, 15-24, and 53-63.

Non-Elected, Canceled, or Withdrawn claims: 2, 13, and 14.

Amended claims: 1, 12, 15-17, and 19.

New claims: None.

Claims:

1. (Currently Amended) A method comprising:

receiving a an HTML document to be rendered, the document including:

a standard mode, via which standard content may be rendered to a user;

an accessibility mode, for enabling presentation of alternate formats of data to be rendered via the HTML document;

a first element that has standard content that is rendered, by default, when the HTML document is rendered; and

is focusable and a second element that has both standard content that is rendered, by default, when the HTML document is rendered, and

alternate content and is not focusable, wherein the alternate content provides an alternate rendering of information represented by the standard content of the second element, and wherein the alternate content may be rendered when the accessibility mode of the HTML document is activated; and

a focus indicator that indicates, at any given time, a single element of focus, that is the default recipient of user input from a non-pointer input device;

determining, based on an element type associated with the first element, that the first element is capable of being an element of focus, and is therefore, a focusable element;

determining, based on an element type associated with the second element, that the second element is not capable of being an element of focus, and is therefore, not a focusable element;

generating a list of focusable elements associated with the document, such that the list includes the first element, but does not include the second element; rendering the document such that:

the standard content associated with the first element is rendered; and the standard content associated with the second element is rendered; and

the focus indicator indicates that the first element is the current element of focus;
receiving a user-submitted accessibility mode command an indication of a viewer's intent to activate an accessibility mode of the document; and
in response to receiving the user-submitted accessibility command, altering the list of focusable elements to include the second element, thereby enabling the second element to be indicated by the focus indicator, wherein the list of focusable element is altered to include the second element based on a determination that the second element has alternate content;
in response to a user-submitted directional command, moving the focus indicator to the second element;
determining that the accessibility mode of the document is active; and
in response to determining that the accessibility mode of the document is active, rendering the alternate content associated with the second element.

2. (Cancelled)

3. (Original) The method as recited in claim 1 wherein the second element comprises a text element.

4. (Original) The method as recited in claim 1 wherein the second element comprises an image element.

5. (Original) The method as recited in claim 1 wherein the second element comprises an audio element.

6. (Original) The method as recited in claim 1 wherein the second element comprises a multimedia element.

7. (Original) The method as recited in claim 1 wherein the alternate content comprises text.

8. (Original) The method as recited in claim 1 wherein the alternate content comprises image data.

9. (Original) The method as recited in claim 1 wherein the alternate content comprises audio data.

10. (Original) The method as recited in claim 1 wherein the alternate content comprises multimedia data.

11. (Original) The method as recited in claim 1 wherein the alternate content comprises a second document that can be rendered.

12. (Currently Amended) The method as recited in claim 1, wherein in response to determining that the accessibility mode of the document is active, further comprising rendering the alternate content associated with the second element further comprises:

subsequent to moving the focus indicator to the second element, receiving a user-submitted selection command; and

in response to receiving the user-submitted selection command, rendering the alternate content associated with the second element.

13. (Cancelled)

14. (Cancelled)

15. (Currently Amended) The method as recited in claim 12 claim 1, wherein the rendering the alternate content comprises replacing the standard content that was rendered with a rendering of the alternate content.

16. (Currently Amended) The method as recited in claim 12 claim 1, wherein the rendering the alternate content comprises rendering the alternate content in a new browser interface window.

17. (Currently Amended) The method as recited in claim 1 further comprising rendering a visual demarcation to indicate a current state of the an accessibility mode-state.

18. (Original) The method as recited in claim 17 wherein the visual demarcation is an icon.

19. (Currently Amended) The method as recited in claim 1 further comprising rendering an audio demarcation to indicate a current state of the an accessibility mode-state.

20. (Original) A browser application configured to perform the method as recited in claim 1.

21. (Original) A rendering engine configured to perform the method as recited in claim 1.

22. (Original) An interactive television viewing system configured to perform the method as recited in claim 1.

23. (Original) One or more computer-readable media comprising computer executable instructions that, when executed, direct a computing system to perform the method as recited in claim 1.

24. (Previously presented) A method comprising:

receiving a document having one or more elements, individual elements having standard content and having associated alternate content that can be rendered in an accessibility mode of operation, wherein the accessibility mode of operation is associated with the document;

in an event that the accessibility mode is not active, rendering the standard content associated with each of the elements; and

in an event that the accessibility mode is active, rendering the alternate content associated with at least one of the elements.

25-52. (Cancelled)

53. (Previously presented) A system comprising:

a rendering engine configured to visually render a document having an associated document accessibility mode and associated focusable elements, the rendering engine further configured to render standard or alternate content associated with one or more of the focusable elements according to the document accessibility mode; and

a display interface for communicating the document and alternate content that are rendered to a display device.

54. (Previously presented) The system as recited in claim 53, wherein the rendering engine comprises:

a focusable element identifier for determining which of a plurality of elements associated with the document are focusable; and

a content selector for determining which of a plurality of content associated with an element is to be rendered.

55. (Original) A system comprising:

means for rendering documents, the documents each comprising a plurality of elements that may have associated standard content and associated alternate content;

means for modifying a list of focusable elements associated with a document to be rendered; and

means for selecting a content to render in association with an element, the content selected from standard and alternate content associated with the element.

56. (Original) The system as recited in claim 55 further comprising:

means for indicating the state of an accessibility mode.

57. (Original) One or more computer-readable media comprising computer executable instructions that, when executed, direct a computing system to:

determine a list of focusable elements associated with a document to be rendered;

determine that the document is to be rendered in an accessibility mode;

alter the list of focusable elements to include elements that have associated alternate content;

visually render the document such that standard content associated with each element is rendered and each element on the list of focusable elements can be selected;

receive an indication that an element has been selected; and

in an event that the element has associated alternate content, render the alternate content.

58. (Original) The one or more computer-readable media as recited in claim 57 further comprising computer executable instructions that, when executed, direct a computing system to:

visually indicate which element associated with the document currently has focus; and

visually indicate whether or not the element that currently has focus has associated alternate content that may be rendered.

59. (Original) The one or more computer-readable media as recited in claim 58 further comprising computer executable instructions that, when executed, direct a computing system to visually indicate which element associated with the document currently has focus by displaying a focus indicator encircling the element.

60. (Original) The one or more computer-readable media as recited in claim 58 further comprising computer executable instructions that, when executed, direct a computing system to visually indicate whether or not the element that currently has focus has associated alternate content that may be rendered by:

displaying a focus indicator of a first color encircling the element if the element does not have associated alternate content that may be rendered; and

displaying a focus indicator of a second color encircling the element if the element does have associated alternate content that may be rendered.

61. (Original) The one or more computer-readable media as recited in claim 58 further comprising computer executable instructions that, when executed, direct a computing system to visually indicate whether or not the element that currently has focus has associated alternate content that may be rendered by:

displaying a focus indicator of a first style encircling the element if the element does not have associated alternate content that may be rendered; and

displaying a focus indicator of a second style encircling the element if the element does have associated alternate content that may be rendered.

62. (Original) The one or more computer-readable media as recited in claim 57 further comprising computer executable instructions that, when executed, direct a computing system to:

receive an indication that the element has been selected a second time; and

in an event that the element has a second associated alternate content, render the second alternate content.

63. (Original) The one or more computer-readable media as recited in claim 57 further comprising computer executable instructions that, when executed, direct a computing system to:

receive an indication that the element has been de-selected; and

render a standard content associated with the element.

64-66. (Cancelled)